

FIG. 2

PaperSize A4, A4R, B4, A3, B5, B5R
 Resolution 400, 600
 GrayLevel 1, 2, 4, 8
 FileFormat TIFF, JPEG, PCL5
 TIFFCompression G3, G4, RLE, LZW
 BothSidePrint No, Yes
 CenterBinding No, Yes
 Sort No, Stack, Sort
 MaxSort 20
 MaxStack 100
 Staple No, Yes
 StaplePosition 1, 2, 3, 4
 MaxStapleSheets 50
 Punch No, Yes
 MaxPunchSeet 50

FIG. 3

005220 5542960

005020" 55542360

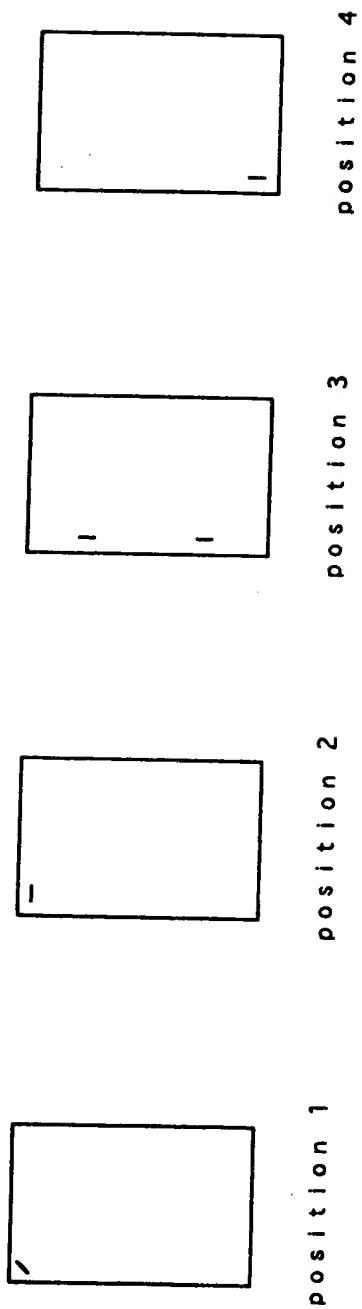


FIG. 4

Printing Function Dialog Box

START Page-END Page	1	999
Copies	13	
Paper Size	<input checked="" type="radio"/> A4 <input type="radio"/> A4R <input type="radio"/> B4 <input type="radio"/> A3 <input type="radio"/> B5 <input type="radio"/> B5R	
Resolution [DPI]	<input type="radio"/> 400 <input checked="" type="radio"/> 600	
Gray Level [BIT/PIXEL]	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 8	
File Format	<input checked="" type="radio"/> TIFF <input type="radio"/> JPEG <input type="radio"/> PCL5	
TIFF Compression	<input type="radio"/> G3 <input checked="" type="radio"/> G4 <input type="radio"/> RLE <input type="radio"/> LZW	
Both Side Printing	<input type="radio"/> No <input checked="" type="radio"/> Yes	
Center Binding	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Sorting Condition	<input type="radio"/> No <input type="radio"/> Stack <input checked="" type="radio"/> Sort	
Staple	<input type="radio"/> No <input checked="" type="radio"/> Yes	
Staple Position	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	
Punch	<input checked="" type="radio"/> No <input type="radio"/> Yes	
Data File Name	sample	
OK		Cancel

FIG. 5

005220" 53642960

Reset

Copies 13

PaperSize A4

Resolution 600

GrayLevel 1

FileFormat TIFF

TIFFCompression G4

BothSidePrint Yes

CenterBinding No

Sort Sort

Staple Yes

StaplePosition 1

Punch No

DataFile sample.tif

FIG. 6

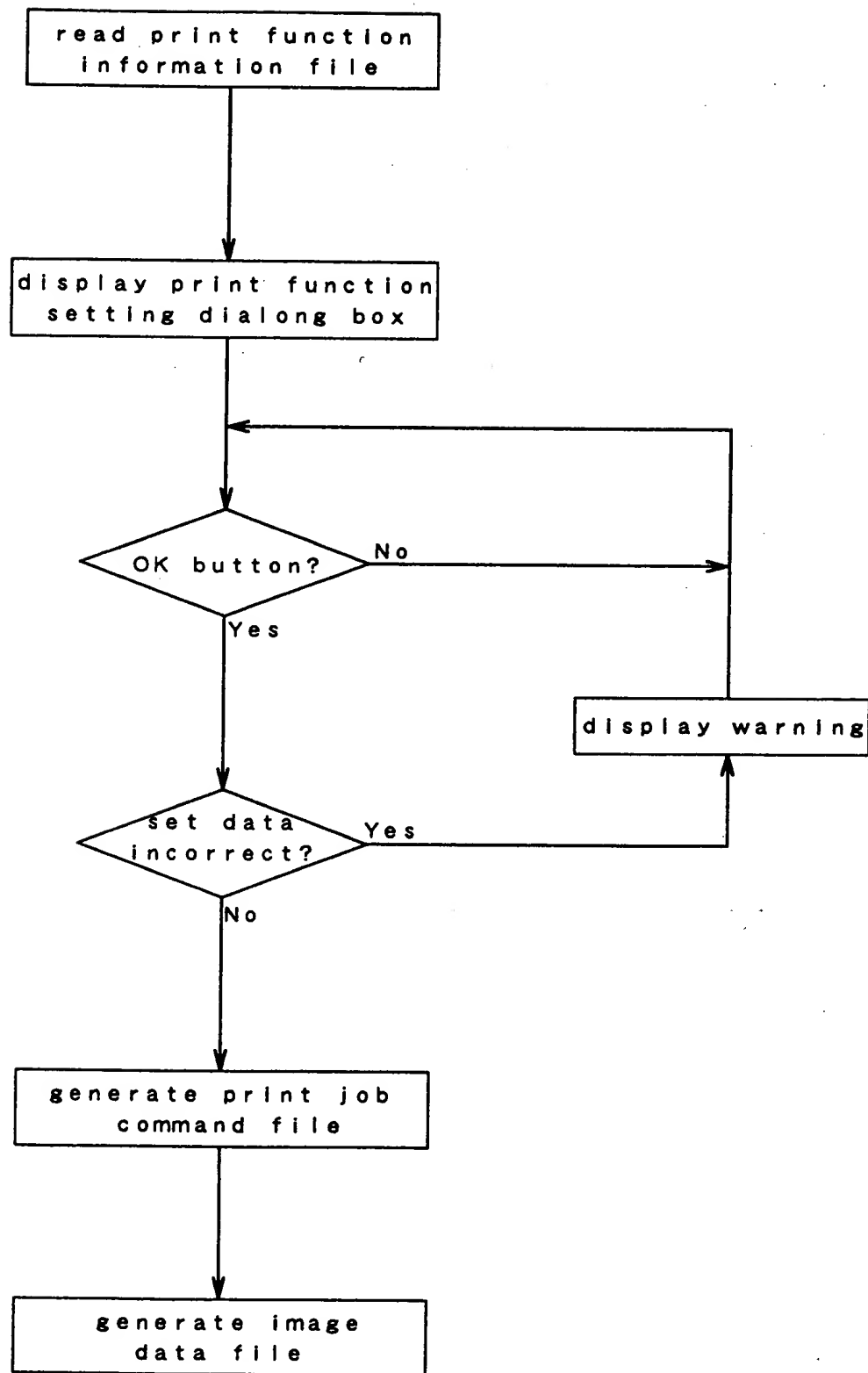


FIG. 7

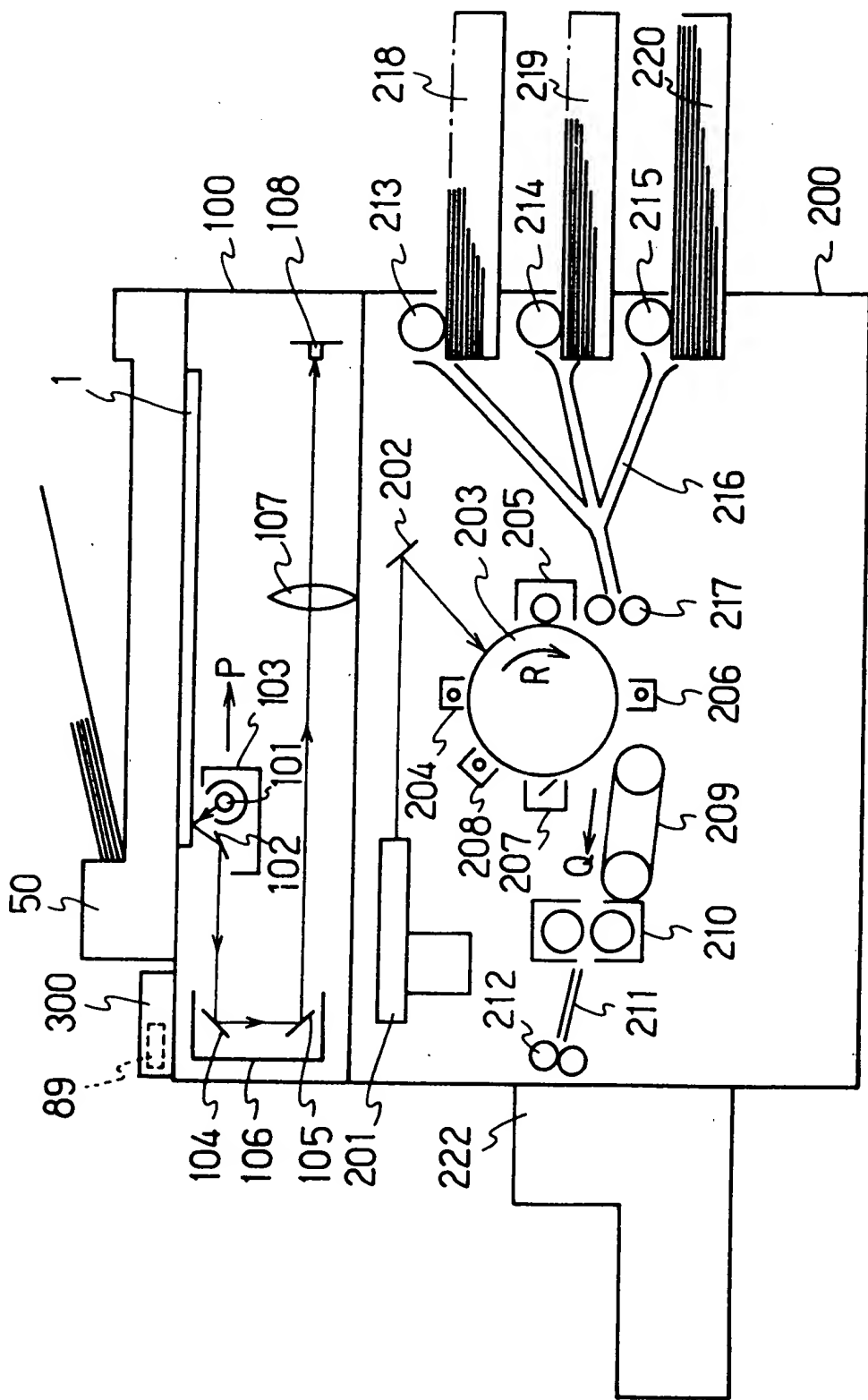


FIG. 8

PaperSize	Auto,A4, A4R, B4, A3, B5, B5R
PaperFeed	Auto, ADF, FlatBed
MAXResolution	400
MINResolution	25
GrayLevel	1,2,4,8
Halftone	BI, DT, ED
FileFormat	TIFF, BMP, JPEG
TIFFCompression	G3, G4, RLE, LZW
BothSideScan	No, Yes
Contrast	Auto, -2, -1, 0, 1, 2
Density	Auto, -2, -1, 0, 1, 2
EdgeEnhance	Auto, -2, -1, 0, 1, 2
ScanArea	No, Yes
ScanAreaUnit	mm

FIG. 9

Scanning Function Dialog Box

Paper Size ☒Auto ☐A4 ☐A4R ☐B4 ☐A3 ☐B5 ☐B5R

Paper Feed ☒Auto ☐ADF ☐FlatBed

Scanning Resolution [DPI] [25-400]

Gray Level [BIT/PIXEL] ☒1 ☐2 ☐4 ☐8

Halftone Processing ☒Binarzing ☐Dithering ☐Error Diffusion

File Format ☒TIFF ☐BMP ☐JPEG

TIFF Compression ☐G3 ☒G4 ☐LZW

Both Side Scanning ☐No ☒Yes

Contrast ☒Auto ☐-2 ☐-1 ☐0 ☐1 ☐2

Density ☒Auto ☐-2 ☐-1 ☐0 ☐1 ☐2

Edge Enhancement ☒Auto ☐-2 ☐-1 ☐0 ☐1 ☐2

Scanning Area Setting ☐No ☒Yes

Scanning Area Upper-Left Position [mm] X= Y=

Scanning Area Length Upper-Left [mm] X= Y=

Data File Name

FIG. 10

Reset

PaperSize Auto

PaperFeed Auto

Resolution 100

GrayLevel 1

Halftone BI

FileFormat TIFF

TIFFCompression G4

BothSideScan Yes

Contrast Auto

Density Auto

EdgeEnhance Auto

ScanArea Yes

ScanAreaPosition 10, 20

ScanAreaLength 60, 70

DataFile sample.tif

FIG. 11

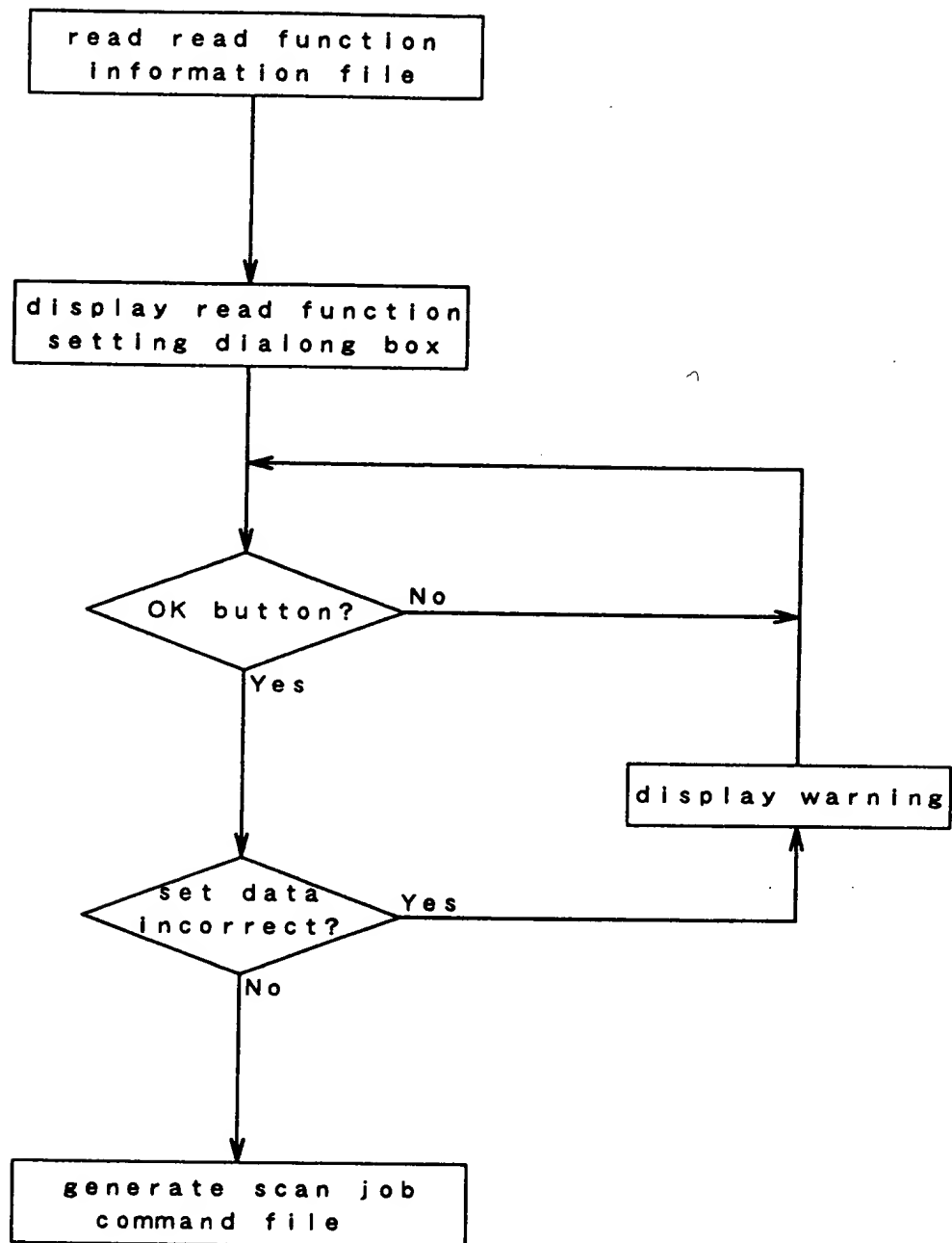


FIG. 12

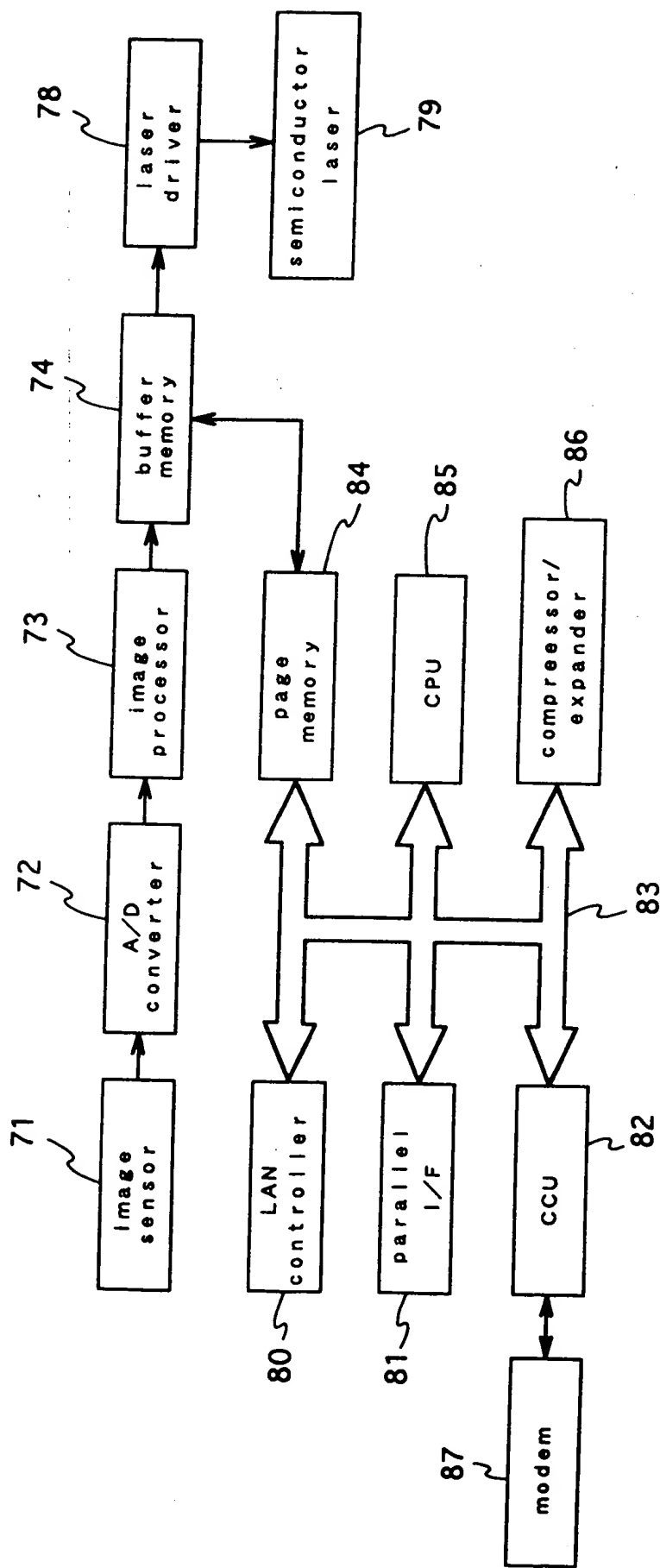


FIG. 13 (PRIOR ART)

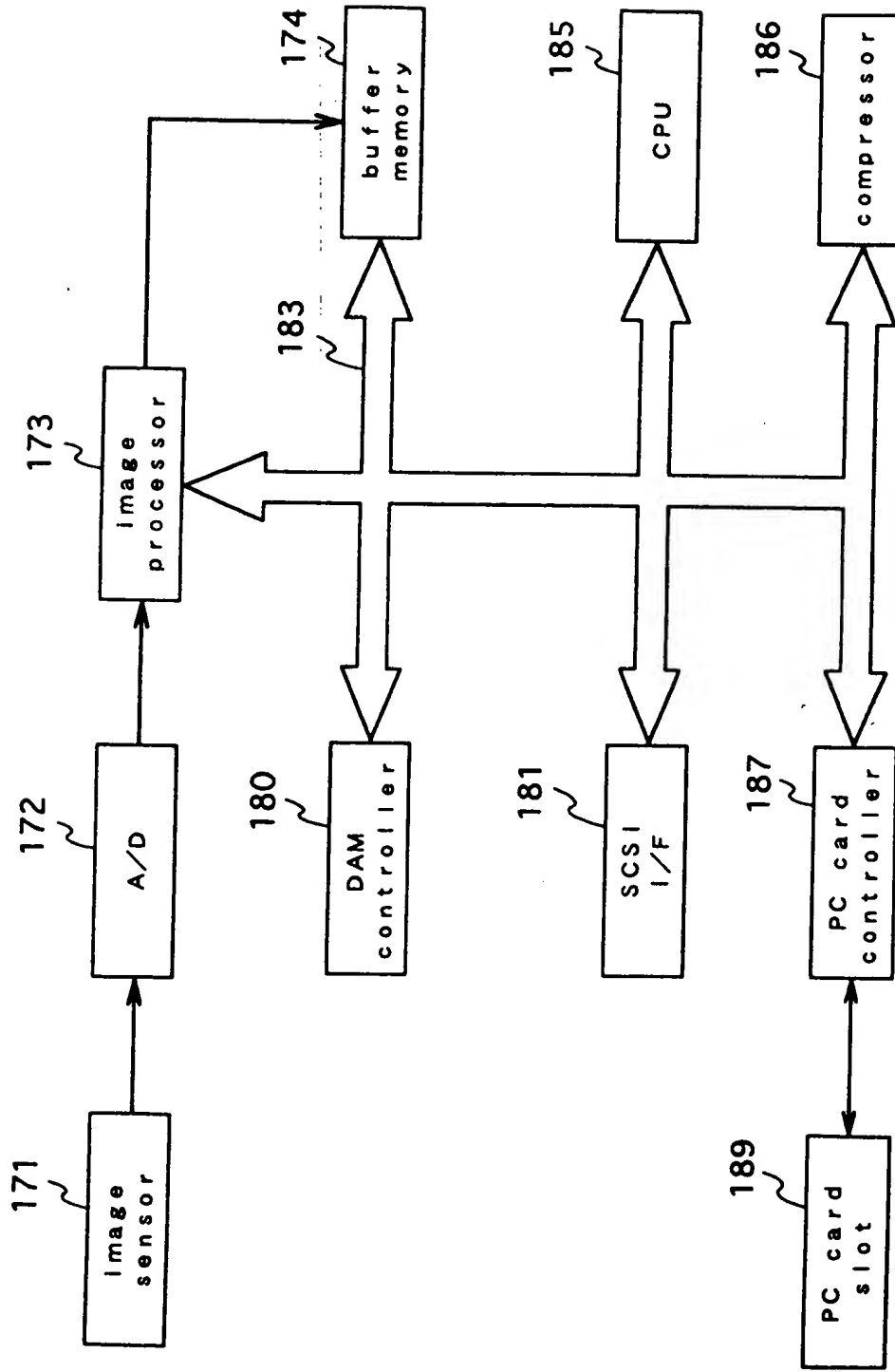


FIG. 14

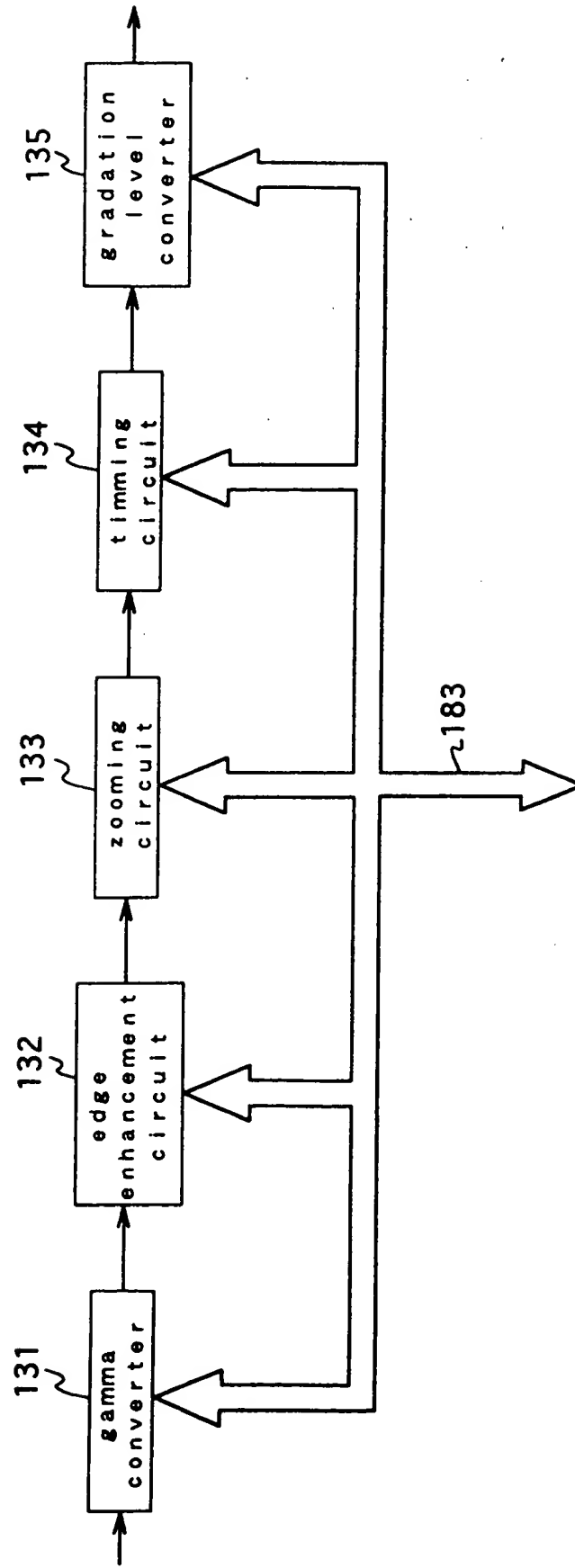


FIG. 15

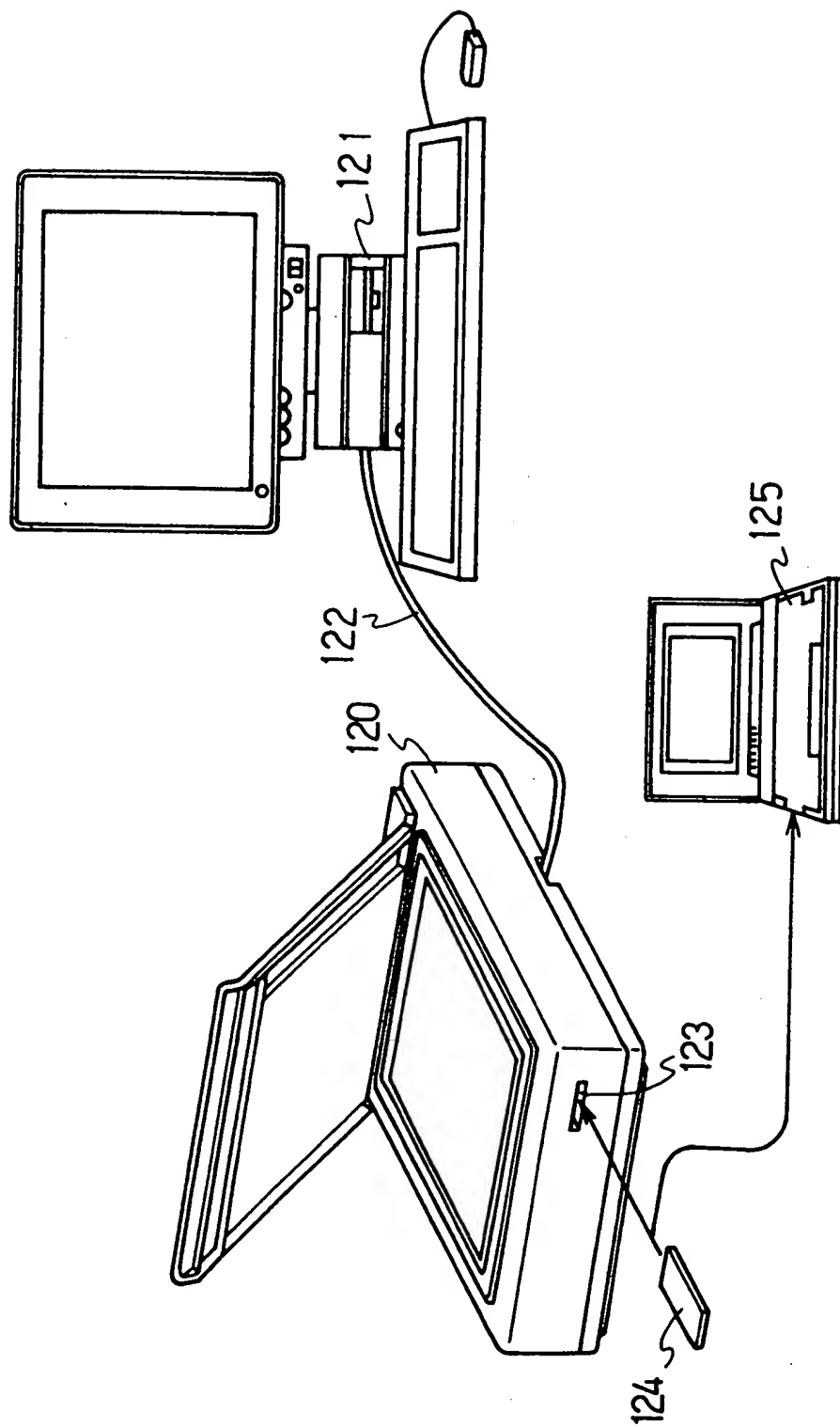


FIG. 16

005220 5542950

PaperSize	Auto,A4, A4R, B4, A3, B5, B5R
PaperFeed	Auto, ADF, FlatBed
MAXResolution	1200
MINResolution	25
GrayLevel	1, 4, 8
If GrayLevel==1 then Halftone BI,DT, ED	
If GrayLevel==4 then Quantizing SIMPLE, DT, ED	
FileFormat	TIFF, BMP, JPEG
If File Format==TIFF && Gray Level==1 then Compression G3,G4,RLE,NO	
If File Format==TIFF && Gray Level==4 then Compression LZW,NO	
If File Format==TIFF && Gray Level==8 then Compression LZW, JPEG,NO	
If File Format==J P E G Compression==J P E G then Compression Rate Normal,High,Low	
Contrast	Auto, -2, -1, 0, 1, 2
Density	Auto, -2, -1, 0, 1, 2
EdgeEnhance	Auto, -2, -1, 0, 1, 2
ScanArea	No, Yes
ScanAreaUnit	mm

FIG. 17

005270 9964360

Scanning Function Dialong Box	
Paper Size	<input checked="" type="radio"/> Auto <input type="radio"/> A4 <input type="radio"/> A4R <input type="radio"/> B4 <input type="radio"/> A3 <input type="radio"/> B5 <input type="radio"/> B5R
Paper Feed	<input checked="" type="radio"/> Auto <input type="radio"/> ADF <input type="radio"/> FlatBed
Scanning Resolution [DPI]	<input type="text" value="100"/> [25-1200]
Gray Level [BIT/PIXEL]	<input checked="" type="radio"/> 1 <input type="radio"/> 4 <input type="radio"/> 8
Halftone Processing	<input checked="" type="radio"/> Binarzing <input type="radio"/> Dithering <input type="radio"/> Error Diffusion
File Format	<input checked="" type="radio"/> TIFF <input type="radio"/> BMP <input type="radio"/> JPEG
Compression	<input type="radio"/> G3 <input checked="" type="radio"/> G4 <input type="radio"/> RLE <input type="radio"/> JPEG <input type="radio"/> NO
Compression Rate	<input type="radio"/> High <input checked="" type="radio"/> Normal <input type="radio"/> Low
Contrast	<input checked="" type="radio"/> Auto <input type="radio"/> -2 <input type="radio"/> -1 <input type="radio"/> 00 <input type="radio"/> 01 <input type="radio"/> 02
Density	<input checked="" type="radio"/> Auto <input type="radio"/> -2 <input type="radio"/> -1 <input type="radio"/> 00 <input type="radio"/> 01 <input type="radio"/> 02
Edge Enhancement	<input checked="" type="radio"/> Auto <input type="radio"/> -2 <input type="radio"/> -1 <input type="radio"/> 00 <input type="radio"/> 01 <input type="radio"/> 02
Scanning Area Setting	<input type="radio"/> No <input checked="" type="radio"/> Yes
Scanning Area Upper-Left Position [mm]	X= <input type="text" value="10"/> Y= <input type="text" value="20"/>
Scanning Area Length Upper-Left [mm]	X= <input type="text" value="60"/> Y= <input type="text" value="70"/>
Data File Name	<input type="text" value="sample"/>
<input type="button" value="OK"/> <input type="button" value="Cancel"/>	

FIG. 18

Reset

PaperSize Auto

PaperFeed Auto

Resolution 100

GrayLevel 1

Halftone BI

FileFormat TIFF

Compression G4

Contrast Auto

Density Auto

EdgeEnhance Auto

ScanArea Yes

ScanAreaPosition 10, 20

ScanAreaLength 60, 70

DataFile sample.tif

FIG. 19

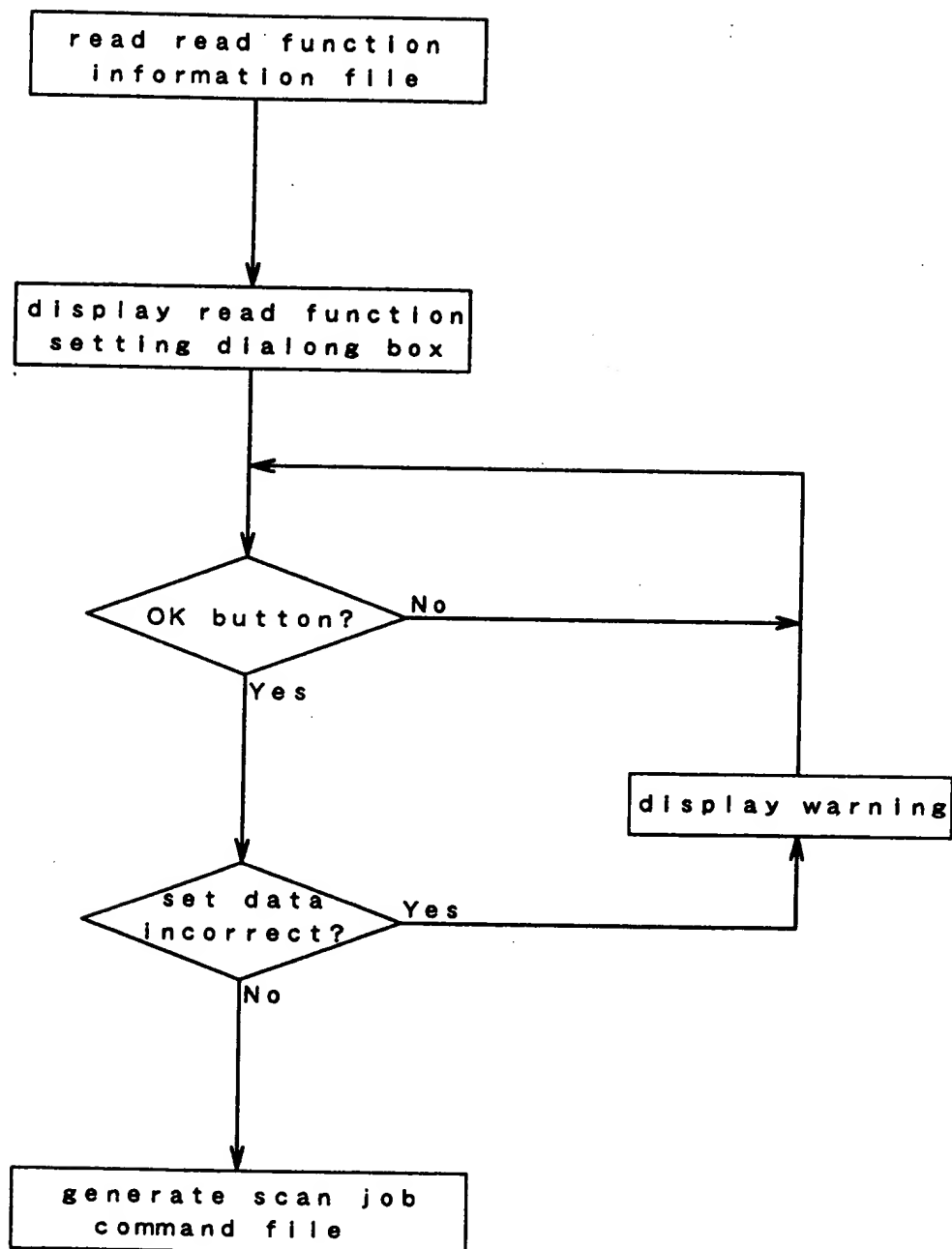


FIG. 20

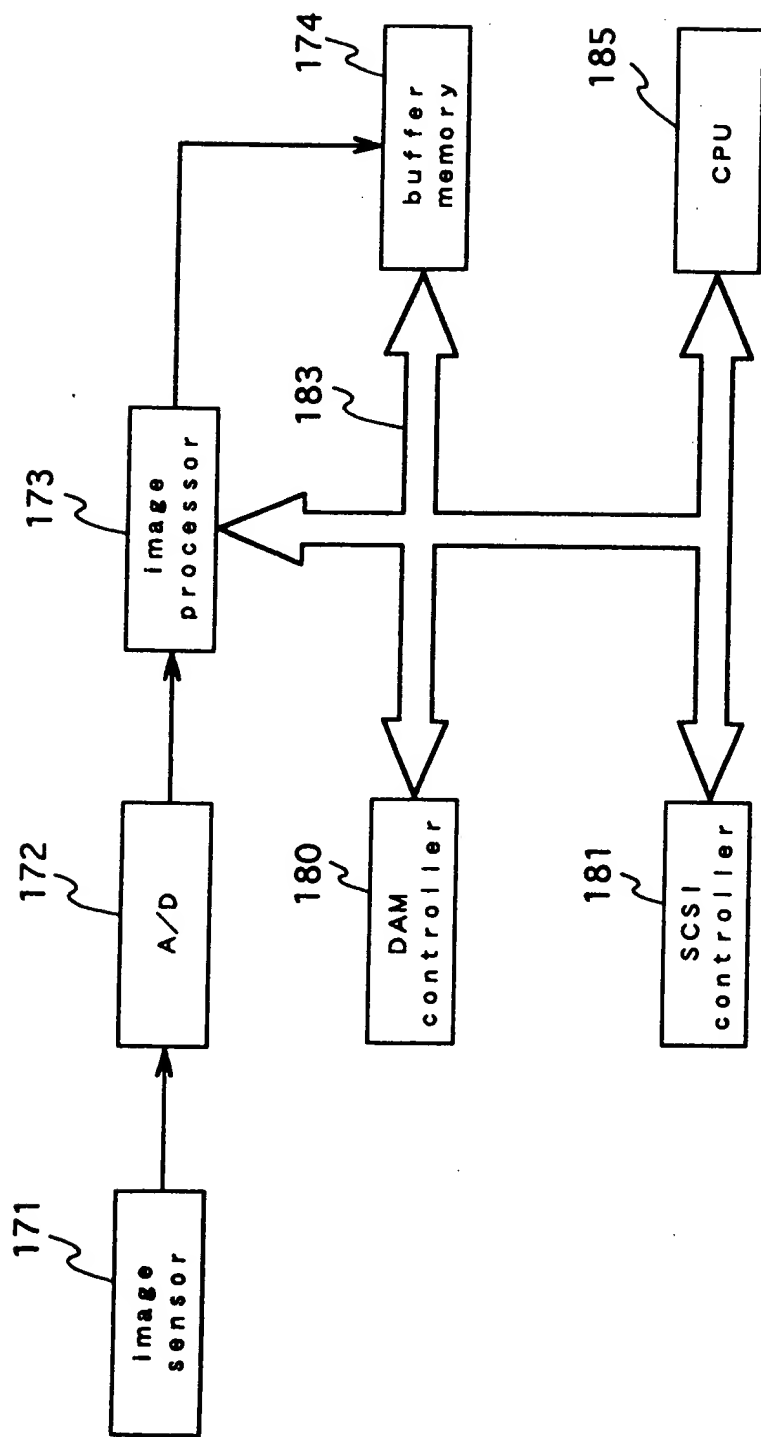


FIG. 21 (PRIOR ART)